Entry Not Recommended: /J.S./

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A component transportation and installation device

which transports and installs an installed component in an installation position of a

receiving body, comprising:

a grip mechanism which grips the installed component, the grip mechanism

comprising a dead man switch;

component transportation means [[of]] for moving the grip mechanism with an

actuator;

first actuator control means [[of]] for controlling the actuator of the component

transportation means according to a predetermined route and performing drive control

so as to transport and install the installed component in the installation position; and

second actuator control means [[of]] for performing assist control of the actuator

of the component transportation means, and performing drive control so as to reduce a

burden of a worker performing operation in order to transport and install the installed

component in the installation position; and

mode switch means for switching between the first actuator control means and

the second actuator control means, wherein the dead man switch is configured to

enable the first actuator control means when the dead man switch is not actuated and

switches to enable the second actuator control means every-time the mode switch

means when the dead man switch is actuated and wherein the second actuator control

means automatically reverts back to the first actuator control means the instant the

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mode switch means is no longer being actuated.

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2. (Currently Amended) A component transportation and installation method of

transporting and installing an installed component in an installation position of a

receiving body using component transportation means having at least an actuator for

transportation, comprising the steps of:

performing transportation and installation by selecting an actuator automatic

control step of automatically transporting and installing the installed component in the

installation position with controlling the actuator according to a predetermined route-er

and an actuator assist control step of reducing a burden of a worker[[,]] who performs

transportation and installation operation of the installed component[[,]] by performs

assist control of the actuator, wherein the worker switches; and

switching between the actuator automatic control step and the actuator assist

control step at any time according to a work condition by actuating a dead man switch

configured to enable assist control when the dead man switch is actuated and to enable

automatic control when the dead man switch is not actuated, and wherein the dead man

switch is configured to be actuated at every point during the transportation and

installation.

3 (Currently Amended) A component transportation and installation method

including a step of installing an installed component, transported near an installation

position, in a receiving body, comprising the steps of:

positioning the installed component in an installing section of the receiving body

by operating the installed component transported near the installation position in an

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man switch;

installing the positioned installed component in the receiving body automatically;

and

moving a grip mechanism comprising the dead man switch, which grips the

installed component after completion of installation[[,]] to a predetermined position in an

automatic mode, the automatic mode occurring the instant the mode control switch is no

longer being actuated wherein the dead man switch is configured to enable the

automatic mode when the dead man switch is not actuated and to enable the assist

mode when the dead man switch is actuated.

4. (Currently Amended) A component transportation and installation device for

installing an installed component in a receiving body, comprising:

a grip mechanism which can grip the installed component, the grip mechanism

comprising a dead man switch;

component transportation means equipped with an actuator for transporting the

grip mechanism; [[and]]

an installation mechanism which can perform installation work when the installed

component is positioned in an installing section of the receiving body, and wherein the

operation of the actuator of the component transportation means includes switching between an automatic mode which does not need a worker, and an assist mode which

can reduce a worker's burden although a worker's intervention is needed; and

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a control means performing control to select the assist mode when positioning at

least the installed component, wherein the control means is configured to enable selects

the assist mode by actuating a mode control the dead man switch and wherein the

assist mode reverts to enable the automatic mode the instant by no longer the control

means stops actuating the mode control dead man switch.

5. (Currently Amended) A component transportation and installation method of

repeatedly transporting at least two installed components in a component supply

position toward an installation position including gripping the at least two installed

components by a grip mechanism comprising a dead man switch while conveying a

receiving body, which is given pitch feed, to the installation position sequentially,

returning the grip mechanism to the component supply position at a time of completion

of installing the at least two installed components in the receiving body, comprising the

steps of:

making the grip mechanism free to perform switching between an automatic

mode which does not need a worker, and an assist mode which can reduce a worker's

burden although a worker's intervention is needed, by actuating a mode control the

dead man switch, as means of transporting the at least two installed components, and

simultaneously performing switching to an automatic transportation mode after gripping

the at least two installed components by the grip mechanism and automatically

transporting the at least two installed components at least nearby the installation

position; and

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making the grip mechanism return to the component supply position in the

automatic mode when an installation of the at least two installed components is

completed by releasing actuation of the dead man switch, wherein the dead man switch

is configured to enable the automatic mode occurs every time when the mode control

dead man switch is not being actuated and to enable wherein the assist mode eccurs

every time when the mode control dead man switch is being actuated; and

simultaneously transporting and installing the at least two installed components

in the installation position in a stop period of one pitch feed of the receiving body.

6. (Currently Amended) A component transportation device for transporting

and installing at least two installed components in a receiving body which is given pitch

feed, comprising:

receiving body transportation means for performing pitch feed of the receiving

body;

a grip mechanism which grips the at least two installed components in a

component supply position, the grip mechanism comprising a dead man switch; and

component transportation means configured to transport of transporting the grip

mechanism at least to an installation position in an automatic transportation mode which

does not need a worker, or an assist transportation mode which does not need a

werker, or an assist transportation mode which can reduce a worker's burden although

a worker's intervention is needed, and to return returning the grip mechanism in the

automatic transportation mode or assist transportation mode to the component supply

position when installation is completed, and in that

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wherein the component transportation means is configured to control the grip mechanism is controlled-so-as to transport the at least two installed components in an

installation position in a stop period of one pitch feed of the receiving body, and

wherein the <u>dead man switch is configured to enable the</u> automatic <u>transportation</u>
mode <u>eccurs_every_time_a_mode_control_when_the_dead_man_switch_is_not_being</u>

actuated and wherein to enable the assist mode occurs every time the mode control

when the dead man switch is being actuated.

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